

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A
FILING UNDER 35 U.S.C. 371

10/20 REC 6 PCT/PTO 1 4 OCT 2005
28760/US/2 470425-111
U.S. APPLICATION NO. (if known, fill in 37 CFR 1.57)
10/552930

EXPRESS MAIL # EV 792964705 US
EXPRESS MAIL DATE OCTOBER 14, 2005

INTERNATIONAL APPLICATION NO. PCT/US2004/011905	INTERNATIONAL FILING DATE April 14, 2004	PRIORITY DATE CLAIMED April 14, 2003
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TITLE OF INVENTION
MAPPING DISCONTINUOUS ANTIBODY OR APTAMER EPITOPES FOR PROTEIN STRUCTURE DETERMINATION AND OTHER APPLICATIONS

APPLICANT(S) FOR DO/EO/US
MONTANA STATE UNIVERSITY

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- ☒ This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - ☐ is attached hereto (required only if not communicated by the International Bureau).
 - ☐ has been transmitted by the International Bureau.
 - ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - ☐ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - ☐ are attached hereto (required only if not transmitted by the International Bureau).
 - ☐ had been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☒ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20. below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment
- ☒ An Application Data Sheet under 37 CFR 1.76
- ☐ A substitute specification
- ☐ A power of attorney and/or change of address letter
- ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4)
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4)
- ☒ Other items or information: **Paper Copy of sequence listing 4 sheets**

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) 10/552930		INTERNATIONAL APPLICATION NO. (PCT) PCT/US2004/011905		ATTORNEY'S DOCKET NUMBER 28760/US/2	
21 The following fees have been submitted: <input checked="" type="checkbox"/> a) Basic national fee (37 CFR 1.492(a)) \$300				CALCULATIONS	PTO USE ONLY
22 <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200				\$ 300.00	
23 <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500				\$ 200.00	
TOTAL OF 21, 22 and 23 =				\$ 900.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium). (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
39 - 100	0 /50 =	0	x \$250	\$ 0	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the commencement of the national stage (37 CFR 1.492(h)).				\$ 0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	19 -20 =	0	x \$50	0	
Independent claims	6 -3 =	3	x \$200	600.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$ 0	
TOTAL OF ABOVE CALCULATIONS =				\$ 1500.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 750.00	
SUBTOTAL =				\$ 750.00	
Processing fee of \$130 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ 0	
TOTAL NATIONAL FEE =				\$ 750.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				\$ 0	
TOTAL FEES ENCLOSED =				\$ 750.00	
				Amount to be refunded:	\$
				charged:	\$

- ☒ A check in the amount of \$750.00 to cover the above fees is enclosed.
- ☐ Please charge my Deposit Account No. 50-2319 in the amount of \$_____ to cover the above fees.
- A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2319 A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO: CUSTOMER NUMBER 32940

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Signature

Name

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